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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 5000-OD37 (1982): Dimensions of Semiconductor Devices, Device Outline OD37 [LITD 5: Semiconductor and Other Electronic Components and Devices]

“ज्ञान से एक नये भारत का निर्माण”

Satyanareshwaran Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartṛhari—Nītiśākām

“Knowledge is such a treasure which cannot be stolen”



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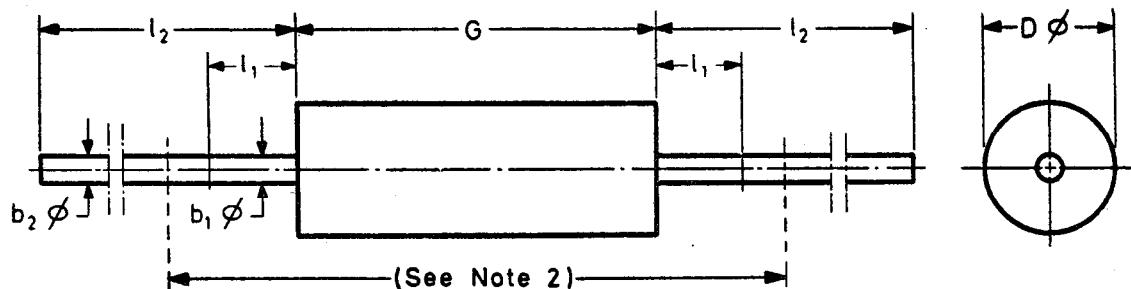
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[Ref: Doc: LTDC 10 : P1 [Ref: Doc: LTDC 10 (624)]

Indian Standard

DIMENSIONS OF SEMICONDUCTOR DEVICES DEVICE OUTLINE OD 37

1. Dimensions — This drawing has been prepared in accordance with IS : 5001 (Part I)-1969 'Guide for preparation of drawings of semiconductor devices and integrated circuits: Part I Semiconductor devices'.

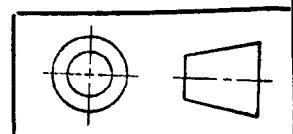


| Reference | Dimensions in mm | | | Notes |
|------------|------------------|-----|------|-------|
| | Min | Nom | Max | |
| ϕb_2 | 0.45 | — | 0.56 | 1 |
| ϕD | 1.50 | — | 2.20 | 3 |
| G | 3.50 | — | 5.40 | — |
| l_2 | 25.4 | — | — | — |
| l_1 | — | — | 2.5 | 1 |

Note 1 — The terminal diameter is not controlled in this zone to allow for flash, lead finish, build-up and minor irregularities other than slugs.

Note 2 — The minimum axial length, within which the device may be placed with the terminals bent at right angles, is 10 mm.

Note 3 — The minimum value for D applies over a minimum length of 3 mm of the case.



2. Rules for Coding — See 8.1 of IS : 5001 (Part I)-1969.

3. Equivalent Designations

| Country or Organization | Code |
|--------------------------------|-------------|
| IEC | A24 |
| United Kingdom | SO-84 |
| Japan | SC-40 |
| USA | DO-35 |
| Germany | 54A2 |
| Netherlands | ND 27 |